This listing of claims will replace all prior versions, and listings, of claims in the

application. Please amend claims 1 and 14 as follows:

**LISTING OF CLAIMS:** 

1. (Currently Amended) A multi-dimensional table data management unit

implemented on a computer comprising table data management means for defining

managing a data block as a processable data group, the data block being composed

of a plurality of (n-1)-dimensional n-dimensional tables (n is a natural number equal

to or larger than 3), and for defining manipulating item data of the processable data

group as n-dimensional data for data management.

2. (Original) The multi-dimensional table data management unit as

claimed in claim 1, further comprising calculation processing means for executing a

table calculation function based on the item data in each dimension of the data

block.

3. (Original) The multi-dimensional table data management unit as

claimed in claim 1, wherein said table data management means execute a table

editing function based on the item data of the data block in each dimension.

4. (Original) The multi-dimensional table data management unit as

claimed in claim 1, wherein said table data management means enclose a portion of

a sequence of tables with punctuation tables to define the data block.

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- 5. (Original) The multi-dimensional table data management unit as claimed in claim 4, wherein information indicating a start is added to a first table in the data block to make the first table act as the punctuation table.
- 6. (Original) The multi-dimensional table data management unit as claimed in claim 4, wherein information indicating an end is added to a last table in the data block to make the last table act as the punctuation table.
- 7. (Original) The multi-dimensional table data management unit as claimed in claim 1, wherein a title is attached to each of the tables of the data block.
- 8. (Original) The multi-dimensional table data management unit as claimed in claim 3, wherein, in response to a plurality of sorted item data for which sorting is specified in the data block and a sort direction thereof, said table data management means sort the entire data block by exchanging storage positions where item data for which the sorting is not specified is stored.
- 9. (Original) The multi-dimensional table data management unit as claimed in claim 3, wherein said table data management means rotate the data block according to a specified rotation axis, a rotation direction, and an angle to exchange storage positions of the item data.

- 10. (Original) The multi-dimensional table data management unit as claimed in claim 1, wherein said table data management means combine a plurality of data blocks to generate a new data block.
- 11. (Original) The multi-dimensional table data management unit as claimed in claim 10, wherein said table data management means combine and compose the plurality of data blocks to generate the new data block.
- 12. (Original) The multi-dimensional table data management unit as claimed in claim 10, wherein, when the plurality of data blocks are combined, said table data management means includes only a common portion to generate the new data block.
- 13. (Original) The multi-dimensional table data management unit as claimed in claim 10, wherein, when the plurality of data blocks are combined, said table data management means excludes only a common portion to generate the new data block.
- 14. (Currently Amended) A recording medium recording therein a spreadsheet program that defines a data block as a processable data group, the data block being composed of a plurality of (n-1)-dimensional n-dimensional tables (n is a natural number equal to or larger than 3), and defines item data of the processable data group as n-dimensional data for data management.

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- 15. (Original) The recording medium according to claim 14 wherein said spreadsheet program executes a table calculation function based on the item data in each dimension of the data block.
- 16. (Original) The recording medium according to claim 14 wherein said spreadsheet program executes a table editing function based on the item data of the data block in each dimension.
- 17. (Original) The recording medium recording according to claim 14 wherein said spreadsheet program processes the data block defined by enclosing a portion of a sequence of tables with punctuation tables.